

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
10 February 2005 (10.02.2005)

PCT

(10) International Publication Number
WO 2005/012402 A1

(51) International Patent Classification⁷: C08J 5/18, C08L 25/04, C08J 5/18, 9/00, 7/00

(21) International Application Number:
PCT/EP2004/051556

(22) International Filing Date: 20 July 2004 (20.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
SA2003A000013 21 July 2003 (21.07.2003) IT

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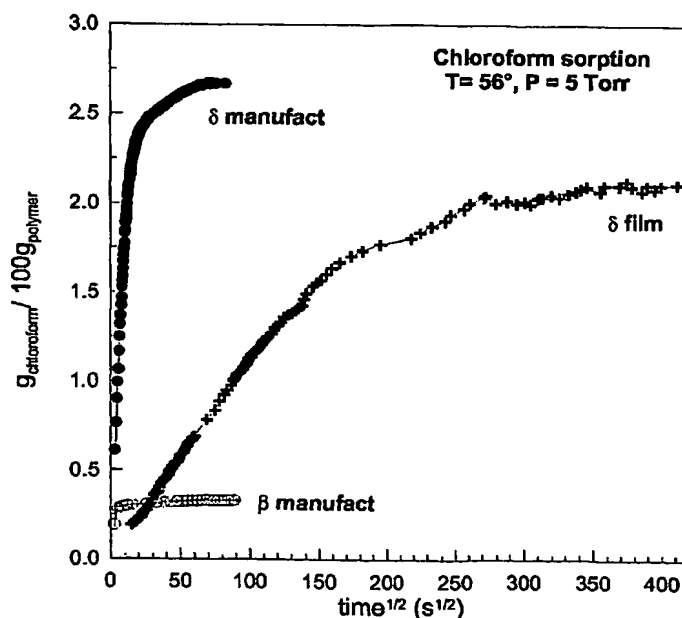
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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
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TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: NANOPOROUS AND MICROPOROUS MANUFACTS BASED ON SYNDIOTACTIC POLYSTYRENE AND PRO-
CESSES FOR THEIR PREPARATION



(57) Abstract: The present invention relates to microporous manufactures (i.e., manufacture presenting high porosity, often referred as aerogels) based on syndiotactic polystyrene and characterized by the presence of cavities with nanometric dimensions characteristic of the δ crystalline form and to processes for their preparation. These manufactures are capable to absorb with a fast kinetics volatile organic compounds from liquid or gaseous phases, also when such components are present at very low concentrations.



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

Published:

— *with international search report*

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